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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number
09/837,860

Filing Date
April 17, 2001

First Named Inventor
James F. Kramer

Art Unit
2674

Examiner Name
Xiao Min Wu

Attorney Docket Number
IMMR-VTI0013A

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Supplemental Notice of Allowance; Copies of IDS previously filed, postcard and 1449 citing 53 pieces of art; 25 prior art references.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Thelen Reid & Priest LLP		
Signature			
Printed Name	David B. Ritchie		
Date	May 28, 2005	Reg. No.	31,562

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Docket No.: IMMR-VTI0013A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: James F. Kramer et al.
SERIAL NO.: 09/837,860 CONFIRMATION NO.: 7509
FILING DATE: April 17, 2001
TITLE: Interface for Controlling a Graphical Image
EXAMINER: Xiao Min Wu
ART UNIT: 2674

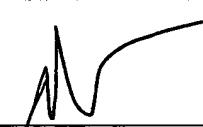
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Alexandria, VA 22313-1450

REQUEST FOR SUPPLEMENTAL NOTICE OF ALLOWANCE

Dear Sir:

It is respectfully requested that the Patent Office acknowledge the Information Disclosure Statement (IDS) as filed with the U.S. Patent Office on October 4, 2004. Please find a postcard dating receipt of the IDS by the PTO on October 4, 2004 (copies enclosed). We are providing paper copies of each foreign and non-patent publication. Additionally, please provide us with a supplemental Notice of Allowance for our records indicating the acknowledgement of the IDS.

Respectfully submitted
THELEN REID & PRIEST LLP



David B. Ritchie
Reg. No. 31,562

Dated: May 28, 2005

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P.O. Box 640640
San Jose, CA 95164-0640
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PLEASE STAMP AND RETURN TO SHOW RECEIPT OF:

In re Application of: **James F. Kramer et al.**
Serial No.: 09/837,860 Examiner: Xiao Min Wu
Filed: April 17, 2001 Art Unit: 2674
Confirmation No.: 7509

For: INTERFACE FOR CONTROLLING A GRAPHICAL IMAGE

1. Transmittal of Documents;
2. Reply Under 37 C.F.R. §1.111;
3. Information Disclosure Statement Transmittal;
4. Information Disclosure Statement;
5. Form PTO/SB/08A with CD-ROM containing electronic copies of (53) cited references;
6. Petition for One Month Extension of Time;
7. Check in the amount of \$290.00; and
8. One (1) Return receipt postcard.

Dated: October 4, 2004

Atty. Docket No.: IMMR-057/00US

216763 v1/RE
4N9701!.DOC

Client/Matter No.: 302101-2164

Attorney/Secretary: PWM/mlj



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Attorney Docket No. IMMR-057/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of **James F. Kramer, et al.**

Serial No.: 09/837,860 Examiner: Xiao Min Wu

Confirmation No.: 7509 Art Unit: 2674

Filed: April 17, 2001

For: **INTERFACE FOR CONTROLLING A GRAPHICAL IMAGE**

U.S. Patent and Trademark Office
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**INFORMATION DISCLOSURE STATEMENT
 UNDER 37 C.F.R. §1.97(c)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,
 Applicant(s) hereby submits the following information in conformance with 37 C.F.R.
 §§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, an electronic copy of each document cited in the attached Form PTO/SB/08A is provided on the enclosed CD-ROM.
- No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. ____ to which the above-identified application claims priority under 35 U.S.C. §120.
- No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- Publication(s) ____ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to ____ application serial no. ____ and mailed on ____.
- Enclosed is a copy of a non-English publication(s) _____. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).

- Enclosed is a copy of a non-English publication(s) ___. English language publication __ (copy enclosed) claims priority from this non-English publication.
- Enclosed is an explanation of non-English publication(s) __ for which an English translation is not available.
- Enclosed is an English translation of non-English publication(s) __ cited in the attached Form PTO/SB/08A.
- Enclosed is a copy of pending patent Application Serial No. ____.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

- a final action under 37 C.F.R. §1.113;
- a notice of allowance under 37 C.F.R. §1.311; or
- an action that otherwise closes prosecution in this application.

In accordance with 37 C.F.R. §1.97(c) also enclosed is:

- Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00; or
- Statement as specified in 37 C.F.R. §1.97(e):
 - Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
 - No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

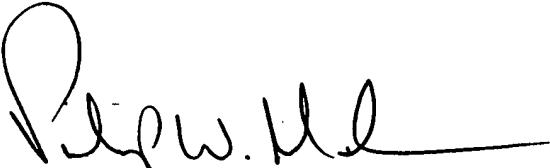
Dated: October 4, 2004

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216762 v1/RE
4N96011.DOC

Respectfully submitted,
COOLEY GODWARD LLP

By:


Philip W. Marsh
Reg. No. 46,061

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1 of 4

Complete if Known

Application Number	09/837,860
Filing Date	April 17, 2001
First Named Inventor	James F. Kramer
Art Unit	2674
Examiner Name	Xiao Min Wu
Attorney Docket Number	IMMR057/00US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,497,672	12/24/2002	Kramer	
		6,422,941	7/23/2002	Thorner et al.	
		6,413,229	7/02/2002	Kramer et al.	
		6,386,208	5/14/2002	Reid	
		6,160,489	12/12/2000	Perry et al.	
		6,111,577	8/29/2000	Zilles et al.	
		6,110,130	8/29/2000	Kramer	
		6,059,506	5/9/2000	Kramer	
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		5,690,582	11/25/1997	Ulrich et al.	
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		5,575,761	11/19/1996	Hajianpour	
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		5,184,319	2/2/1993	Kramer	
		5,175,459	12/29/1992	Danial et al.	
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		4,885,565	12/5/1989	Embach	
		4,484,191	11/20/1984	Vavra	
		4,464,117	8/7/1984	Foerst	
		4,333,070	6/1/1982	Barnes	
		4,262,549	4/21/1981	Schwellenbach	
		4,127,752	11/28/1978	Lowthorp	
		2,972,140	2/14/1961	Hirsch	
		2001/0043847	11/22/2001	Kramer	

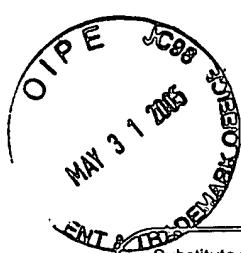
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Application Number	09/837,860
Filing Date	April 17, 2001
First Named Inventor	James F. Kramer
Art Unit	2674
Examiner Name	Xiao Min Wu
Attorney Docket Number	IMMR057/00US

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	H2-185278		7/19/1990	Taito Corporation	
		JP	H4-8381		1/13/1992	Epoch Co. and Key-Planning Co.	
		JP	H7-24147		1/27/1995	Sega Corporation	
		JP	H5-192449		8/3/1993	Taito Corporation	

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First Named Inventor	James F. Kramer
Art Unit	2674
Examiner Name	Xiao Min Wu
Attorney Docket Number	IMMR057/00US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		PATRICK, "Design, Construction, and Testing of a Fingertip Tactile Display for Interaction with Virtual and Remote Environments," <i>Master of Science Thesis</i> , MIT, Aug. 1990, archived Nov. 8, 1990.
		CALDER, "Design of A Force-Feedback Touch-Introducing Actuator For Teleoperator Robot Control," <i>Bachelor of Science Thesis</i> , MIT, May 1983, archived June 23, 1983.
		WIKER, "Teletouch Display Development: Phase 1 Report," <i>Technical Report</i> 1230, Naval Ocean Systems Center, San Diego, July 1988.
		BLISS, "Optical-to-Tactile Image Conversion for the Blind," <i>IEEE Transactions on Man-Machine Systems</i> , Vol. MMS-11, No. 1, March 1970.
		JOHNSON, "Shape-Memory Alloy Tactile Feedback Actuator," <i>Armstrong Aerospace Medical Research Laboratory</i> , AAMRL-TR-90-039, August, 1990.
		KONTARINIS et al., "Tactile Display of Vibratory Information in Teleoperation and Virtual Environments," <i>PRESENCE</i> , 4(4):387-402, Harvard Univ., 1995.
		AUKSTAKALNIS et al., "Silicon Mirage: The Art and Science of Virtual Reality," ISBN 0-938151-82-7, pp. 129-180, 1992.
		EBERHARDT et al., "Inducing Dynamic Haptic Perception by The Hand: System Description and Some Results," <i>DSC-Vol. 55-1, Dynamic Systems and Control: Volume 1</i> , ASME 1994.
		GOBEL et al., "Tactile Feedback Applied to Computer Mice," <i>International Journal of Human-Computer Interaction</i> , Vol. 7, No. 1, pp. 1-24, 1995.
		PIMENTEL et al., "Virtual Reality: through the new looking glass," 2 nd Edition; McGraw-Hill, ISBN 0-07-050167-X, pp. 41-202, 1994.
		"Cyberman Technical Specification," <i>Logitech Cyberman SWIFT Supplement to Logitech Mouse Technical Reference and Programming Guide</i> , 4/5/1994.
		OUHYOUNG et al., "The Development of A Low-Cost Force Feedback Joystick and Its Use in the Virtual Reality Environment," <i>Proceedings of the Third Pacific Conference on Computer Graphics and Applications, Pacific Graphics '95</i> , Seoul, Korea, 21-24 August 1995.
		KACZMAREK et al., "Tactile Displays," <i>Virtual Environment Technologies</i> , Chap. 9, pp. 349-414.
		LAKE, "Cyberman from Logitech," at http://www.ibiblio.org/GameBytes/issue21/greviews/cyberman.html , 1994.
		"Component Maintenance Manual With Illustrated Parts List, Coaxial Control Shaker Part No. C-25502," Safe Flight Instrument Corporation, Revised 28 January 2002 (3 pages).

Examiner Signature	Date Considered
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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		"Technical Manual Overhaul Instructions With Parts Breakdown, Coaxial Control Shaker Part No. C-25502," Safe Flight Instrument Corporation, Revised 15 July 1980 (23 pages).
		SCANNELL, "Taking a Joystick Ride," <i>Computer Currents</i> , Boston Edition, Vol. 9, No. 11, November 1994
		YAMAKITA et al., "Tele-Virtual Reality of Dynamic Mechanical Model," <i>Proceedings of the 1992 IEEE/RSJ International Conference on Intelligent Robots and Systems</i> , Raleigh, NC, July 7-10, 1992
		NOLL, "Man-Machine Tactile," <i>S/D Journal</i> , July/August 1972 Issue.
		ROSENBERG, "Virtual Fixtures: Perceptual Overlays Enhance Operator Performance In Telepresence Tasks," <i>Ph.D. Dissertation</i> , Stanford University, June 1994.
		ZILLES, "A Constraint-Based God-Object Method for Haptic Display," Department of Mechanical Engineering, Artificial Intelligence Laboratory, Massachusetts Institute of Technology, undated.

Examiner Signature	Date Considered
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